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June 25, 1951

Robert L. Corsbie, Chief, Civil Defense  
Liaison Branch, Div. of Biology and Medicine.  
MEETING IN OFFICE OF RICHARD W. ALGER, JUNE 22, 1951,  
IN CONNECTION WITH BLAST DATA RESULTING FROM ENIWETOK  
TESTS.

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Present were: R. W. Alger, Deputy Chief, Construction Engineering Branch, Division of Production.

L. G. Mohr, Project Engineer, Construction Engineering Branch, Division of Production.

Sherwood E. Smith, Technical Adviser to the Chief, AFSWP.

R. L. Corsbie, Chief, Civil Defense Liaison Branch, Division of Biology and Medicine.

This meeting was held for the purpose of discussing the possible release of data developed from the Eniwetok tests and under the cognizance of Mr. Smith, the release at this time being prompted by certain inquiries received by Mr. Alger from field offices, such data, in Mr. Alger's opinion, being merely for purposes of information.

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Mr. Smith reviewed generally the status of his forthcoming report (on Eniwetok) and discussed in some detail the blast phenomena with special reference to (a) the strength of building connections, (b) the movement of structures, and (c) characteristics of the positive and negative phases of the blast and the resulting physical damage. In addition, Mr. Smith described photographic evidence now in his office and the manner in which he had used it in discussing the Eniwetok structural damage with selected groups. It was his suggestion that in view of present uncertainties relating to "equivalent static loading" design methods, versus "dynamic loading" design, it might be worthwhile to have this matter of design gone into in detail for the purpose of arriving at design criteria which could be made available to architects and engineers retained by the Atomic Energy Commission for plan and design work and others. The suggestion was also made by Mr. Smith that if desired by Mr. Alger's division, he would be agreeable to discussing structural damage at Eniwetok and showing moving pictures and slides to illustrate some of the problems to be met by architects and engineers in designing structures to resist atomic forces.

It was the general feeling of Mr. Alger that this would be highly desirable and he proposed to take up with his office, and, if approved, arrange to have representatives of architect-engineers, contractors, and personnel from AEC and other agencies present at this meeting.

cc: Howard Brown, E.O., B&M

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MFS 14-1  
Shelley  
cc: Mr. Rennie

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